

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032222\
 Data File : BN019058.D
 Acq On : 22 Mar 2022 15:56
 Operator : CG/JU
 Sample : N2000-09DL 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE-134D2-20220315DL

Quant Time: Mar 23 04:50:54 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 17 13:18:23 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

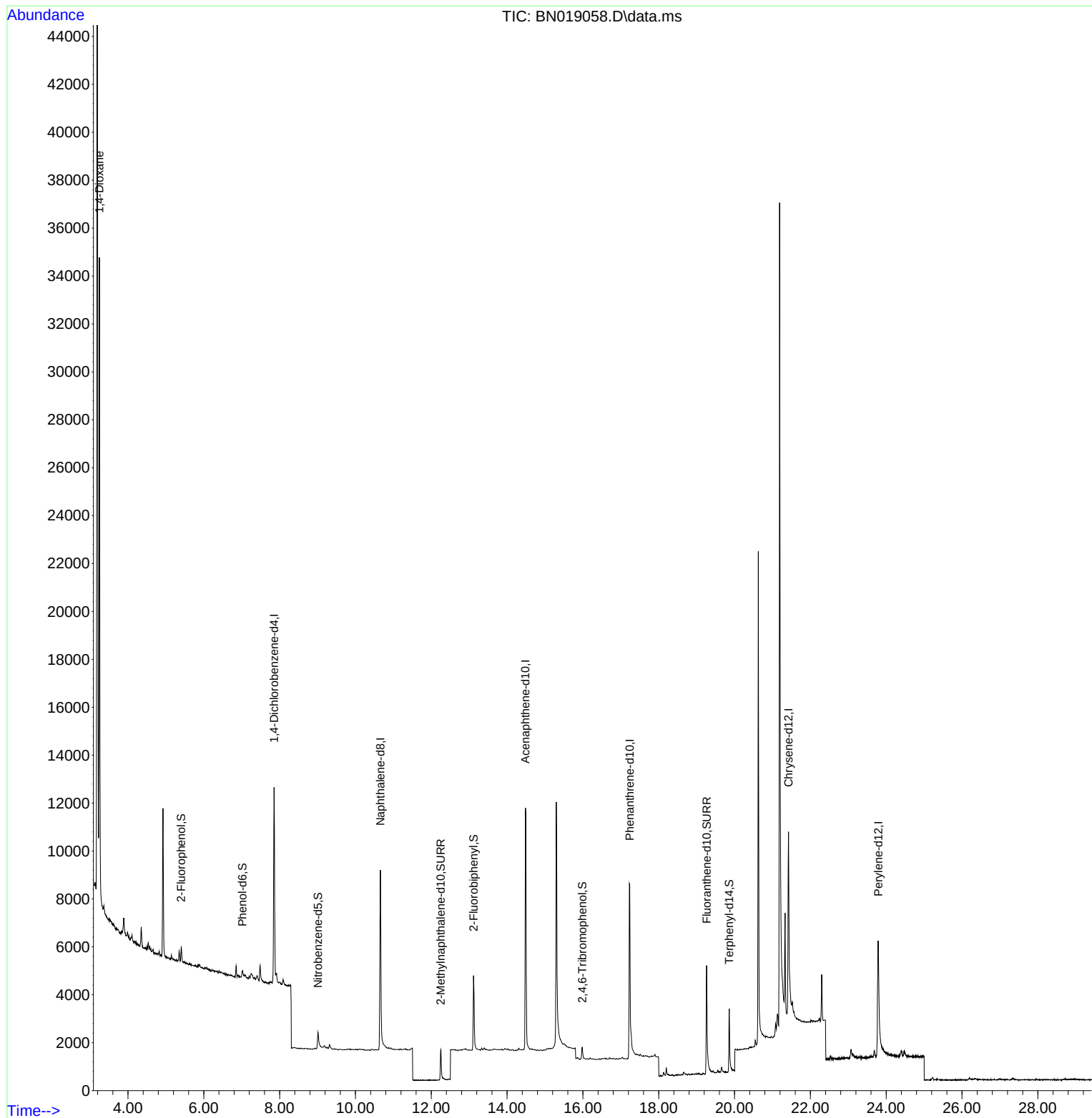
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	4422	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	11352	0.400	ng	# 0.00
13) Acenaphthene-d10	14.485	164	6854	0.400	ng	-0.01
19) Phenanthrene-d10	17.236	188	13955	0.400	ng	# 0.00
29) Chrysene-d12	21.422	240	12251	0.400	ng	# 0.00
35) Perylene-d12	23.790	264	10541	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	584	0.059	ng	0.00
5) Phenol-d6	7.017	99	300	0.029	ng	0.00
8) Nitrobenzene-d5	9.014	82	901	0.110	ng	0.00
11) 2-Methylnaphthalene-d10	12.250	152	2197	0.117	ng	0.00
14) 2,4,6-Tribromophenol	15.985	330	386	0.117	ng	0.00
15) 2-Fluorobiphenyl	13.116	172	3189	0.116	ng	-0.01
27) Fluoranthene-d10	19.265	212	6530	0.158	ng	0.00
31) Terphenyl-d14	19.860	244	3843	0.128	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.247	88	14754	2.700	ng	Qvalue 98

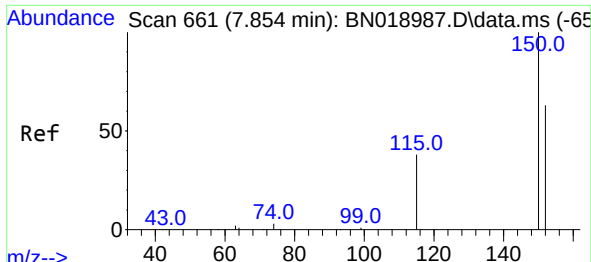
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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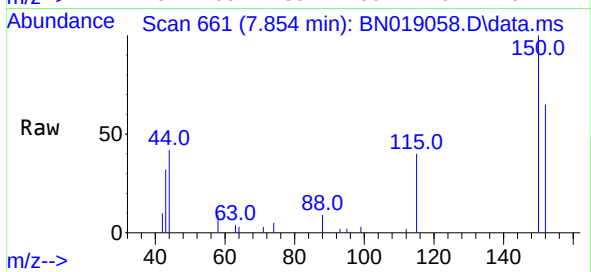
Quant Time: Mar 23 04:50:54 2022
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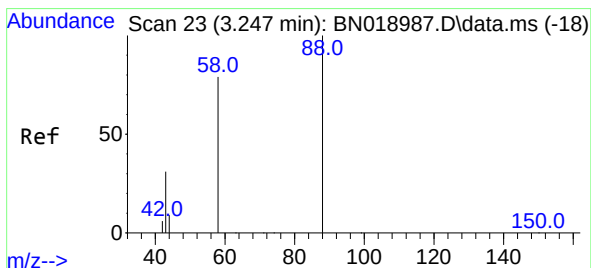
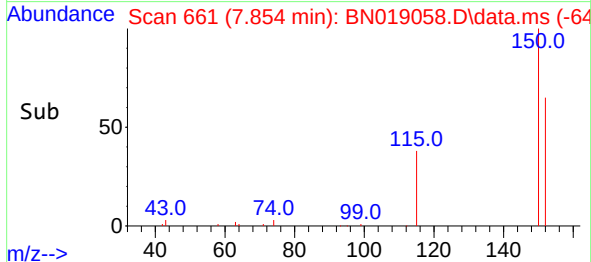
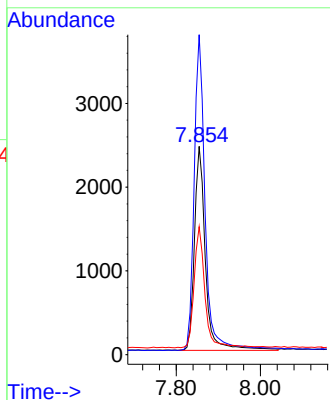


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.854 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN019058.D
Acq: 22 Mar 2022 15:56

Instrument :
BNA_N
ClientSampleId :
RE-134D2-20220315DL

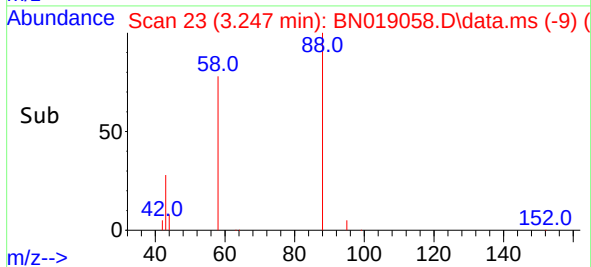
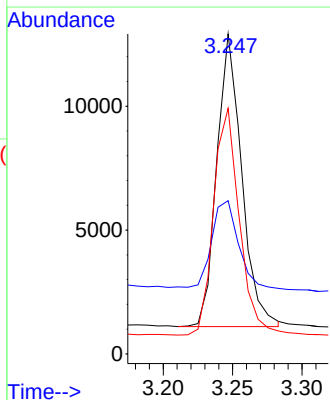
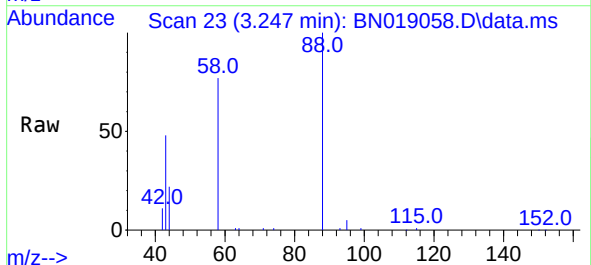


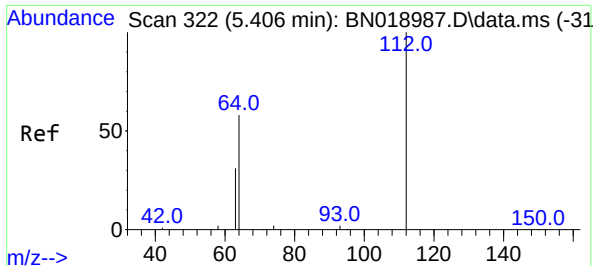
Tgt Ion:152 Resp: 4422
Ion Ratio Lower Upper
152 100
150 153.6 123.9 185.9
115 61.4 48.2 72.4



#2
1,4-Dioxane
Concen: 2.700 ng
RT: 3.247 min Scan# 23
Delta R.T. 0.000 min
Lab File: BN019058.D
Acq: 22 Mar 2022 15:56

Tgt Ion: 88 Resp: 14754
Ion Ratio Lower Upper
88 100
43 31.8 24.6 37.0
58 80.1 65.4 98.2

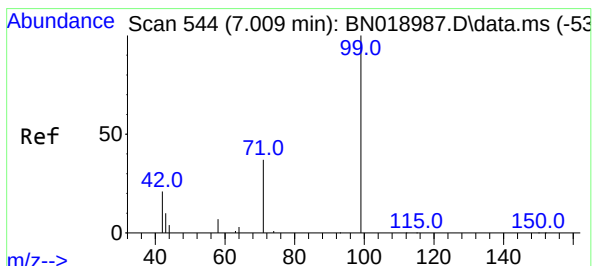
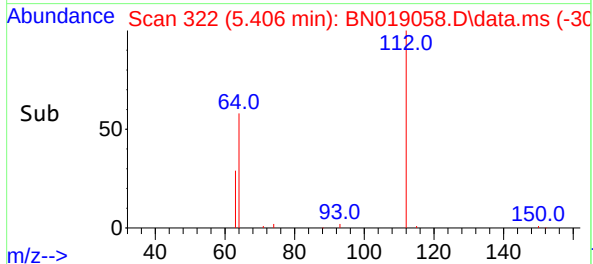
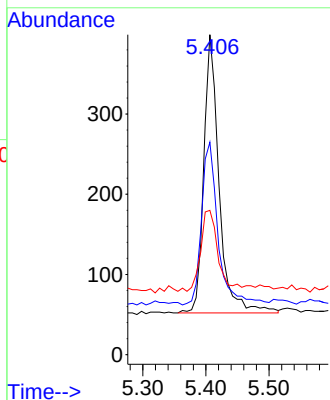
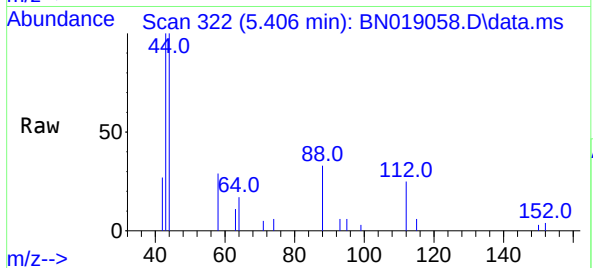




#4
2-Fluorophenol
Concen: 0.059 ng
RT: 5.406 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN019058.D
Acq: 22 Mar 2022 15:56

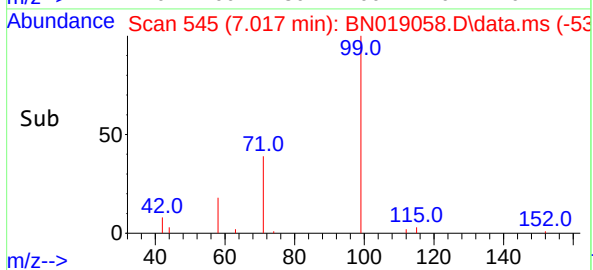
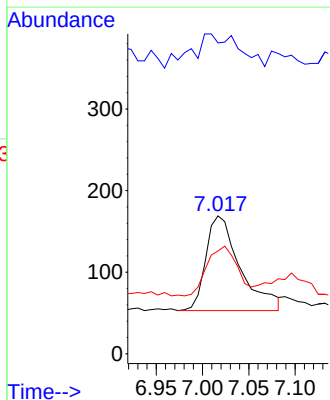
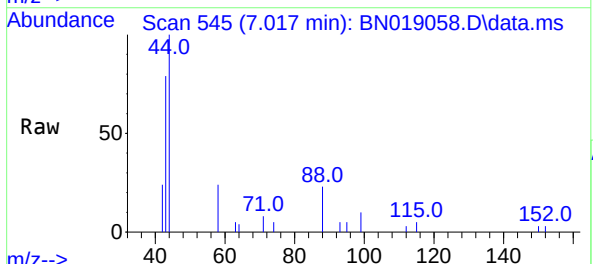
Instrument :
BNA_N
ClientSampleId :
RE-134D2-20220315DL

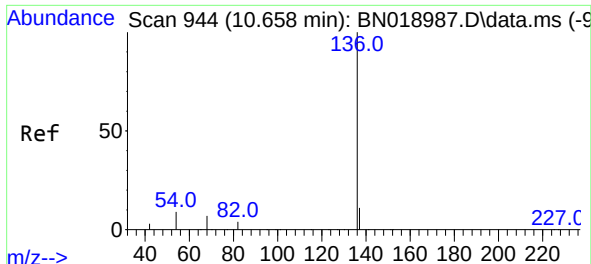
Tgt Ion:	112	Resp:	584
Ion	Ratio	Lower	Upper
112	100		
64	63.4	47.8	71.8
63	33.4	25.7	38.5



#5
Phenol-d6
Concen: 0.029 ng
RT: 7.017 min Scan# 545
Delta R.T. 0.007 min
Lab File: BN019058.D
Acq: 22 Mar 2022 15:56

Tgt Ion:	99	Resp:	300
Ion	Ratio	Lower	Upper
99	100		
42	0.0	16.2	24.4#
71	46.3	27.7	41.5#

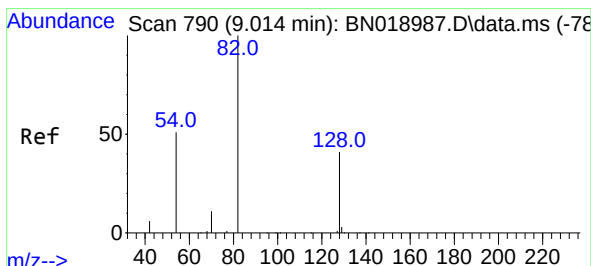
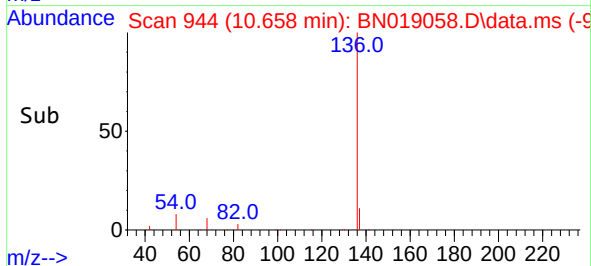
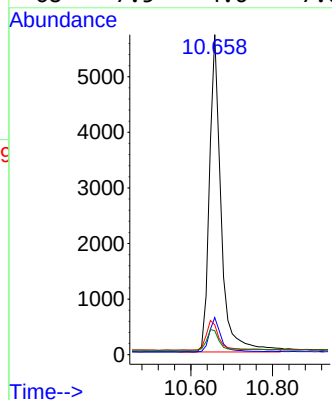
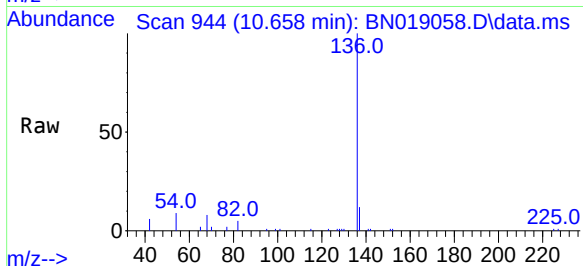




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 944
Delta R.T. 0.000 min
Lab File: BN019058.D
Acq: 22 Mar 2022 15:56

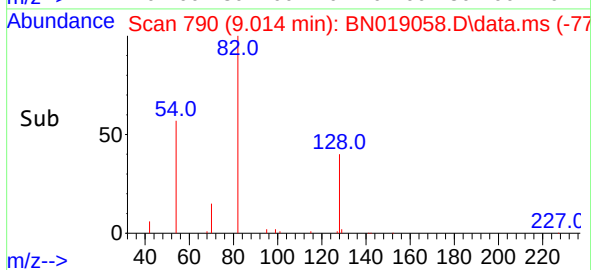
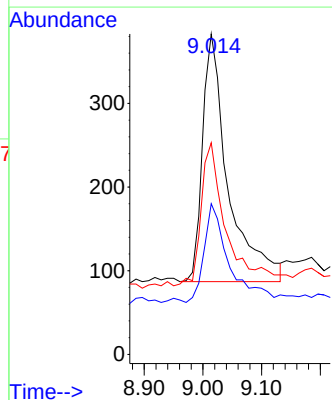
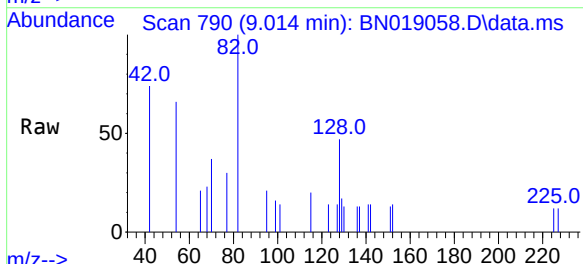
Instrument :
BNA_N
ClientSampleId :
RE-134D2-20220315DL

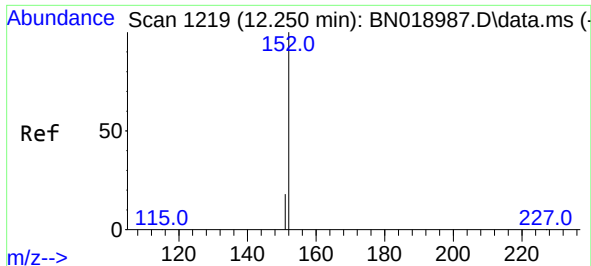
Tgt Ion:	136	Resp:	11352
Ion Ratio	Lower	Upper	
136	100		
137	11.6	9.0	13.4
54	9.3	5.8	8.6#
68	7.5	4.6	7.0#



#8
Nitrobenzene-d5
Concen: 0.110 ng
RT: 9.014 min Scan# 790
Delta R.T. 0.000 min
Lab File: BN019058.D
Acq: 22 Mar 2022 15:56

Tgt Ion:	82	Resp:	901
Ion Ratio	Lower	Upper	
82	100		
128	47.0	33.0	49.6
54	66.1	42.5	63.7#

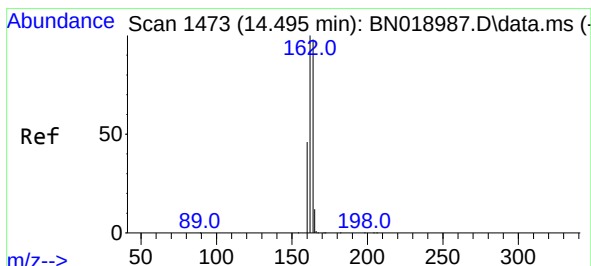
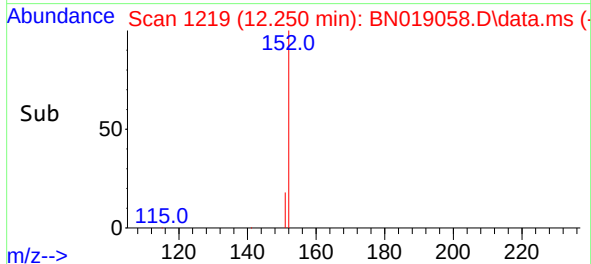
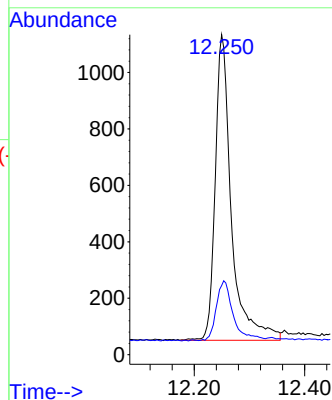
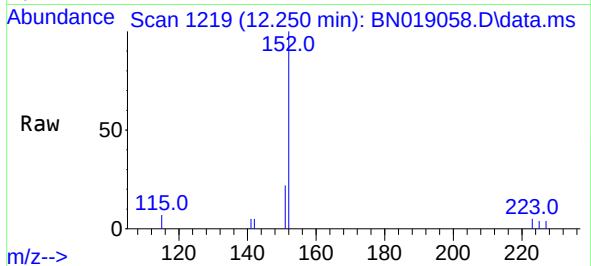




#11
2-Methylnaphthalene-d10
Concen: 0.117 ng
RT: 12.250 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN019058.D
Acq: 22 Mar 2022 15:56

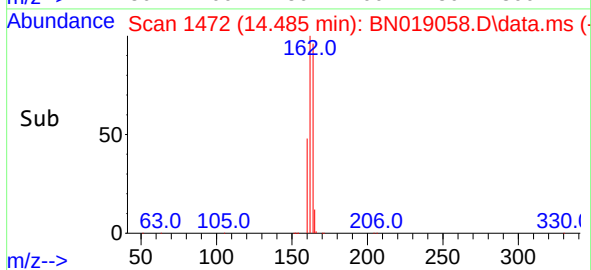
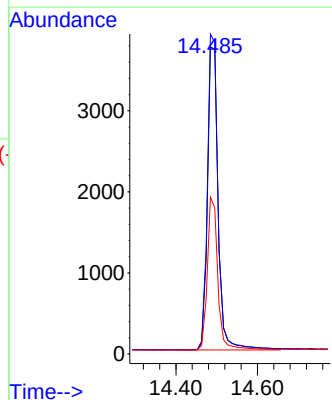
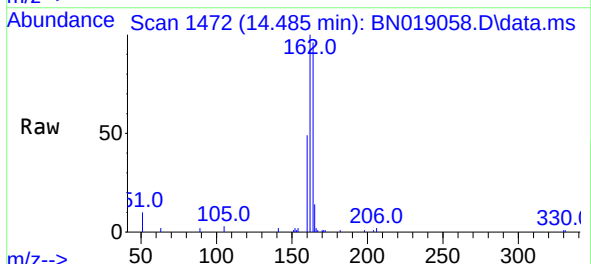
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ClientSampleId :
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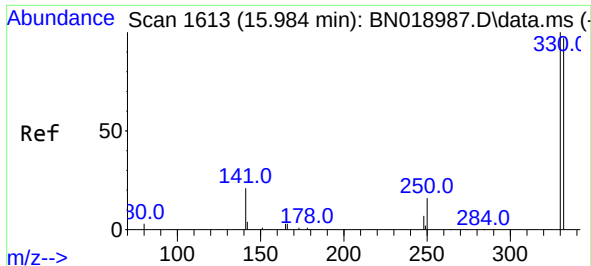
Tgt Ion:152 Resp: 2197
Ion Ratio Lower Upper
152 100
151 20.3 16.5 24.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.485 min Scan# 1472
Delta R.T. -0.011 min
Lab File: BN019058.D
Acq: 22 Mar 2022 15:56

Tgt Ion:164 Resp: 6854
Ion Ratio Lower Upper
164 100
162 104.3 85.2 127.8
160 51.1 41.5 62.3

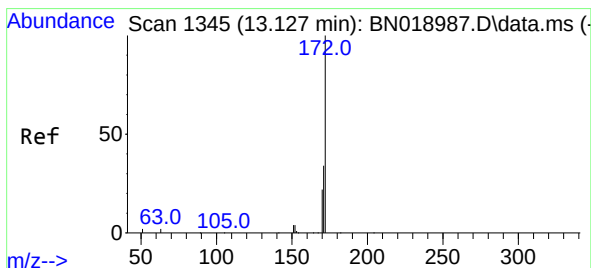
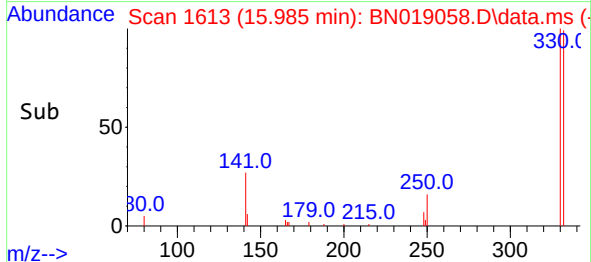
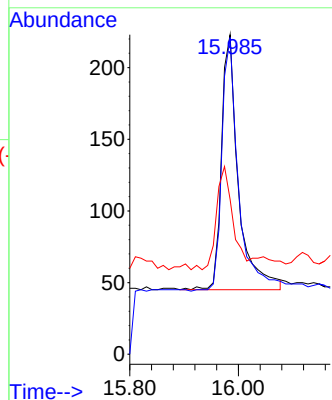
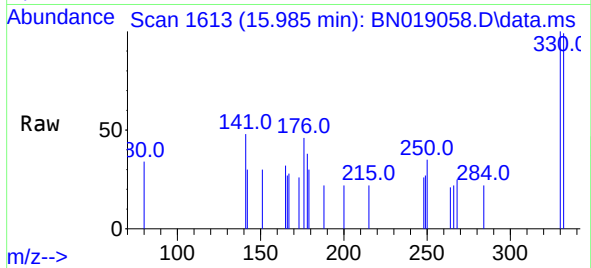




#14
2,4,6-Tribromophenol
Concen: 0.117 ng
RT: 15.985 min Scan# 1613
Delta R.T. 0.000 min
Lab File: BN019058.D
Acq: 22 Mar 2022 15:56

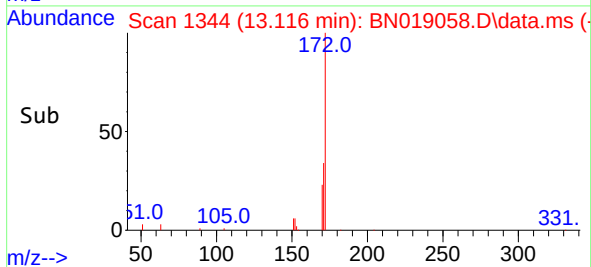
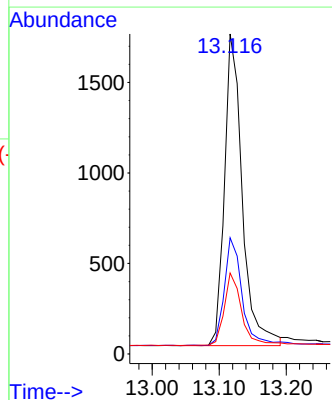
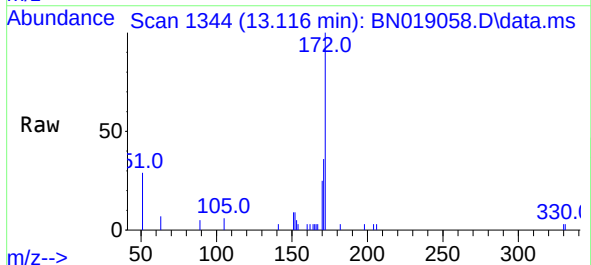
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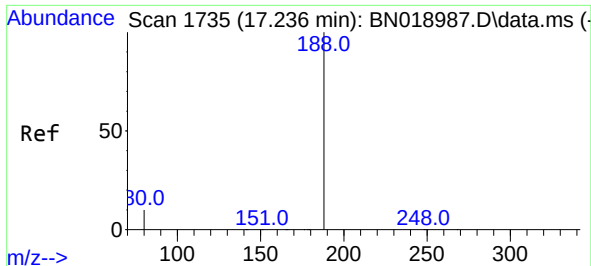
Tgt Ion:330 Resp: 386
Ion Ratio Lower Upper
330 100
332 98.4 76.8 115.2
141 39.6 32.2 48.2



#15
2-Fluorobiphenyl
Concen: 0.116 ng
RT: 13.116 min Scan# 1344
Delta R.T. -0.011 min
Lab File: BN019058.D
Acq: 22 Mar 2022 15:56

Tgt Ion:172 Resp: 3189
Ion Ratio Lower Upper
172 100
171 36.3 28.2 42.2
170 25.3 18.7 28.1

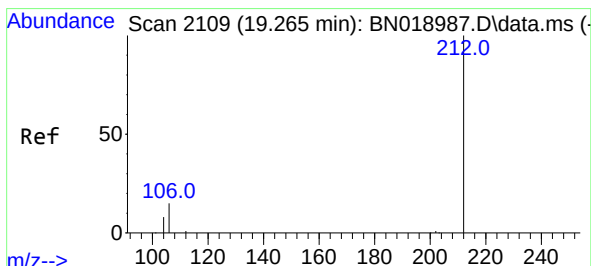
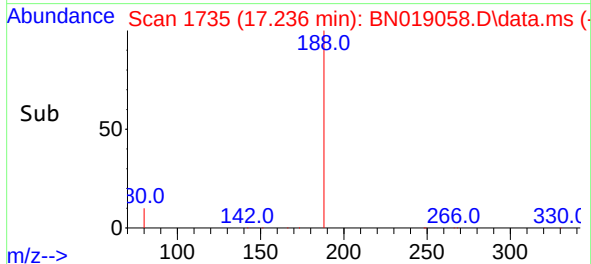
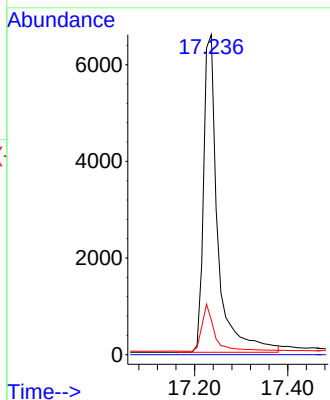
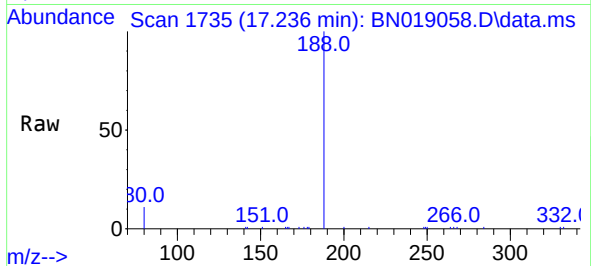




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.236 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN019058.D
Acq: 22 Mar 2022 15:56

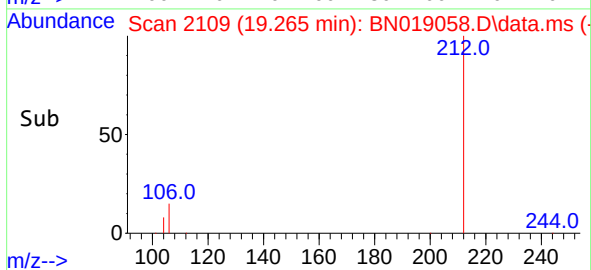
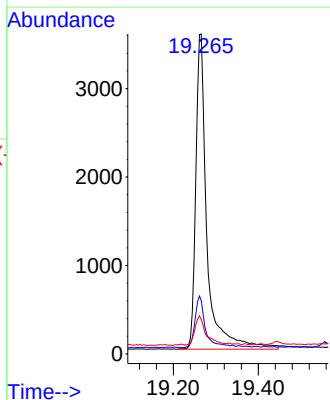
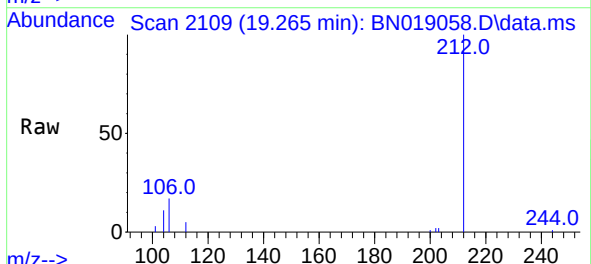
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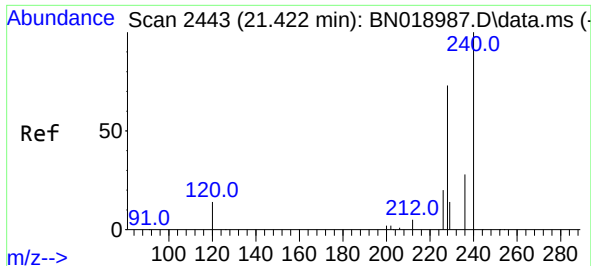
Tgt Ion:188 Resp: 13955
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.8 11.8 17.8#



#27
Fluoranthene-d10
Concen: 0.158 ng
RT: 19.265 min Scan# 2109
Delta R.T. 0.000 min
Lab File: BN019058.D
Acq: 22 Mar 2022 15:56

Tgt Ion:212 Resp: 6530
Ion Ratio Lower Upper
212 100
106 15.2 12.7 19.1
104 9.4 7.1 10.7

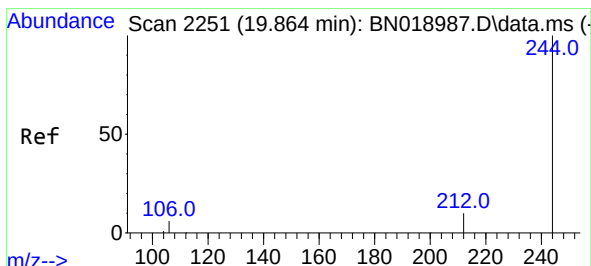
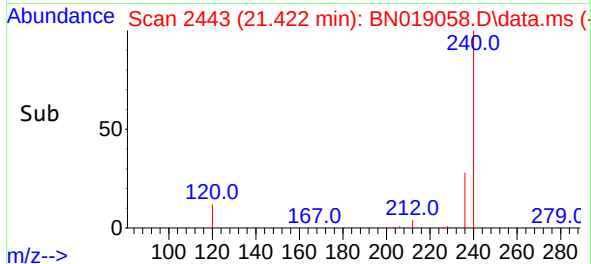
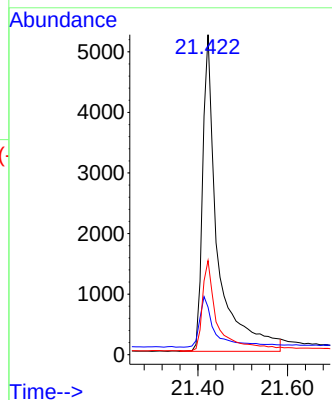
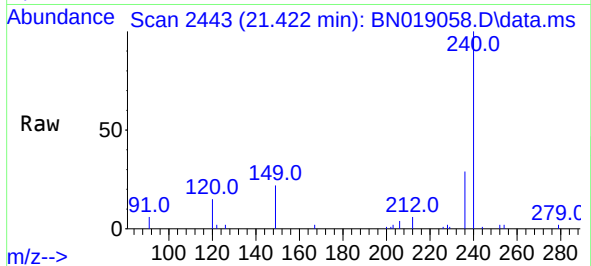




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.422 min Scan# 2443
Delta R.T. 0.000 min
Lab File: BN019058.D
Acq: 22 Mar 2022 15:56

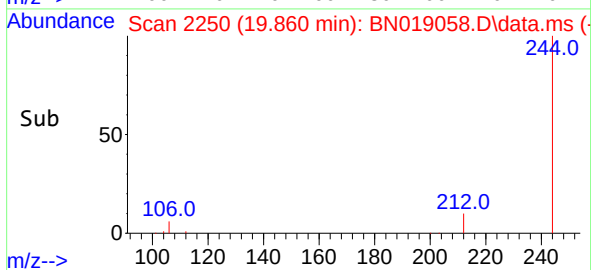
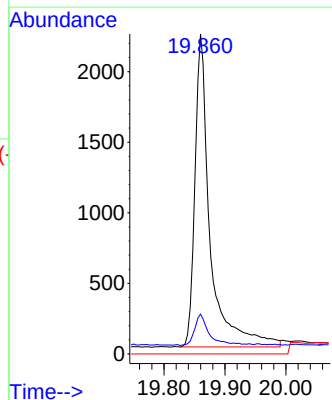
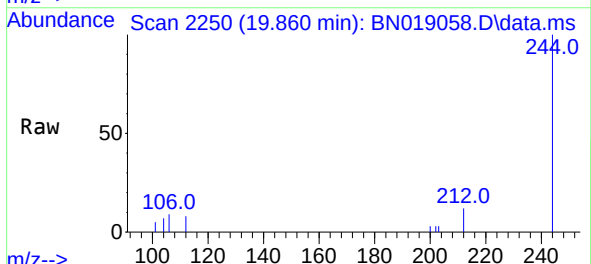
Instrument :
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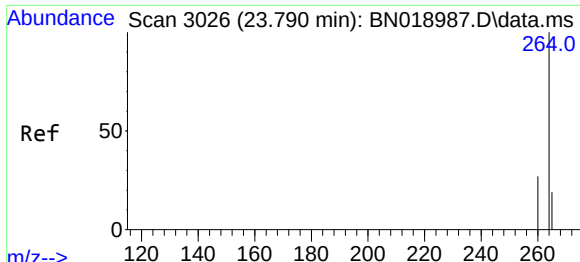
Tgt Ion:240 Resp: 12251
Ion Ratio Lower Upper
240 100
120 14.8 8.5 12.7#
236 29.4 22.4 33.6



#31
Terphenyl-d14
Concen: 0.128 ng
RT: 19.860 min Scan# 2250
Delta R.T. -0.004 min
Lab File: BN019058.D
Acq: 22 Mar 2022 15:56

Tgt Ion:244 Resp: 3843
Ion Ratio Lower Upper
244 100
212 12.4 8.2 12.4#
122 0.0 0.0 0.0





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.790 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: BN019058.D
 Acq: 22 Mar 2022 15:56

Instrument :
 BNA_N
 ClientSampleId :
 RE-134D2-20220315DL

Tgt Ion:264	Resp:	10541
Ion	Ratio	Lower Upper
264	100	
260	28.7	22.4 33.6
265	38.4	25.3 37.9#

